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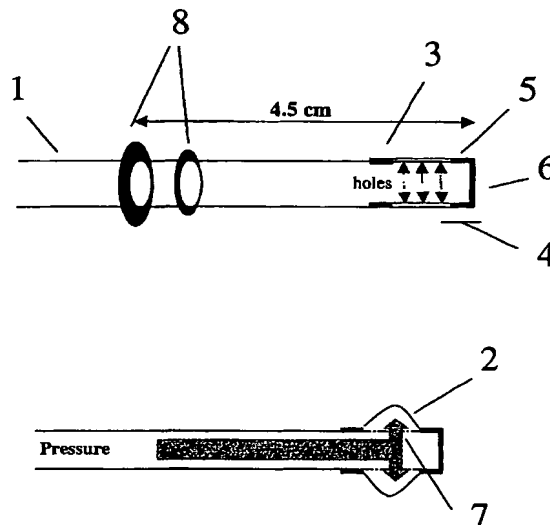
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(54) Title: ANIMAL MODEL TO EVALUATE VISCERAL PAIN PERCEPTION



(57) **Abstract:** Animal model to measure visceral pain of a balloon catheter and an implantable sensor module having transcutaneous telemetering ability. The implantable sensor module is set up to receive both visceromotor and pseudoaffective responses of the test animal. In particular, the balloon catheter is an implantable balloon catheter, preferably implanted in the duodenum of the test animal and the implantable sensor is set up to receive input signals from at least one bipolar electrode pair and at least one blood catheter. A method for producing said animal as well as kits comprising a balloon catheter and an implantable sensor module for use in a method for producing said animals are also described.